(19) JAPANESE PATENT OFFICE

(54) REMOTE PROCEDURE CALL PROCESSING
METHOD

(57) Abstract:

PROBLEM TO BE SOLVED: To reduce the change processing of group constitution and to enable early detection concerning a remote procedure call(RPC) processing system for calling a group server.

SOLUTION: When adding a server to a server group 80, an additional report is outputted from a group constitution change reporting part 70 to a processor provided with a server in the group such as a processor 5, for example. An RPC processing part 50, which receives this report, holds group constitution change information reporting the addition of new procedure. An RPC request source such as a client 15 of processor 2, for example, issues the RPC request of 'QSORT' to servers 25, 35 and 45 in the server group 80 and correspondent servers in the group are respectively executed. When executing a server 421 and transmitting the executed result to the request source, the processor 5 adds this group constitution change information. When any change in group constitution is detected out of a response message, an RPC processing part 10 at the request source updates its own address information by calling all the address information from an address managing part 60.